

Claims

1. Auxiliary transmission (31) with a controllable clutch (2) for the optional distribution of a drive output torque to one or more drive output shafts (5, 6), with a reduction gear stage (3) and with a hydraulic pump (14), characterized in that the hydraulic pump (14) is arranged on a transmission input shaft (4) and the reduction gear stage (3) is connected in series in such manner that the drive input power to the hydraulic pump (14) remains at least approximately the same when a range change takes place in the reduction gear stage (3).
2. Auxiliary transmission according to claim 1, characterized in that the transmission input shaft (4) is mounted in the housing of the auxiliary transmission (31) and the hydraulic pump (14) is arranged outside the mountings (15, 16) of the transmission input shaft (4).
3. Auxiliary transmission according to claims 1 or 2, characterized in that the reduction gear stage (3) is located after the clutch (2) and the distributor unit and is arranged on a first drive output shaft (5).
4. Auxiliary transmission according to any of claims 1 to 3, characterized in that an electric motor (8) is provided for actuating the clutch (2) and the reduction gear stage (3).
5. Auxiliary transmission according to claim 4, characterized in that the electric motor (8) is arranged in a coupling zone (18) of the auxiliary transmission (31) to a main transmission unit (17).